



WCDMA/HSPA+ Module

SIM5360x-PCIEA



The SIM5360x-PCIEA is a Dual-Band HSPA+/WCDMA and Quad-Band GSM/GPRS/EDGE module solution in miniPCIE type which supports HSPA+ up to 14.4Mbps for downlink data transfer. It is combined with a SIM5360x module and a miniPCIE adapter board.

Smart Machine Smart Decision

General features

- SIM5360A-PCIE: Dual-Band UMTS/HSDPA 850/1900MHz
Quad-Band GSM/GPRS/EDGE 850/900/1800/1900MHz
- SIM5360E-PCIE: Dual-Band UMTS/HSDPA 900/2100MHz
Quad-Band GSM/GPRS/EDGE 850/900/1800/1900MHz
- SIM5360J(D)-PCIE: Dual-Band UMTS/HSDPA850(800)/2100MHz
Quad-Band GSM/GPRS/EDGE 850/900/1800/1900MHz
- GPRS multi-slot class 12
- EDGE multi-slot class 12
- Output power
 - UMTS 850/1900: 0.25W
 - UMTS 900/2100: 0.25W
 - GSM850/GSM900: 2W
 - DCS1800/PCS1900: 1W
- Control Via AT Commands
- Supply voltage range: 3.2V~ 3.6V
- Operation temperature: -30°C to +80°C
- Dimension: 50.95 X 31X 4.95 mm

Specifications for GPS

- CELL assistant Location (No GPS)
- A-GPS: MS-Based, MS-Assisted
- Stand-alone GPS
- QUALCOMM XTRA GPS mode
- GLonass

Specifications for Data transfer

- HSPA+
 - Max. 14.4Mbps(DL), Max.5.76Mbps(UL)
- WCDMA
 - Max.384Kbps(DL), Max.384Kbps(UL)
- EDGE Class:
 - Max. 236.8Kbps(DL),Max. 236.8Kbps(UL)
- GPRS
 - Max. 85.6Kbps(DL), Max. 85.6Kbps(UL)
- CSD
 - GSM data rate 14.4Kbps
 - WCDMA data rate 57.6Kbps
 - WCDMA 64kbps CSD for Video call

Specifications for SMS

- Point to point MO and MT
- Text and PDU mode

Specifications for Network Identity and Time zone (NITZ)

- Support in GSM and WCDMA

Other features

- USB Driver for Microsoft Windows 2000/XP/Vista/7/8/10
- USB Driver for Windows CE/Mobile
- USB Driver for Linux/Android
- Firmware update via USB
- Embedded AT
- LUA Script Language
- MMS
- TCP/IP
- FTP/FTPS/HTTP/HTTPS/SMTP/POP3/DNS
- FOTA

Interfaces

- USB2.0
- SIM card
- Mic/Receiver *
- UART
- I2C
- LED

NOTE: * Only supported in Home Security and Telematics Applications

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